

Appendix C: Questionnaire validation

	Relevance						Clarity					
	Expert _1	Expert _2	Expert _3	Experts in agreeme nt	Item Content Validity Index (I- CVI)	Universa l Agreeme nt (UA)	Expert _1	Expert _2	Expert _3	Experts in agreeme nt	Item Conte nt Validit y Index (I- CVI)	Universa l Agreeme nt (UA)
Survey questionnaire (patients) INSTRUCTIONS: Fill in the blank spaces with a tick where appropriate. Date of Administration: _____												
Section 1: demographic profile												
Question												
1. Gender 1 Female 2 Male	4	4	4	3	1	1	4	3	4	3	1	1
2. Date of Birth Dd/Mm/Yy: _____	4	3	4	3	1	1	4	4	4	3	1	1
3. Ethnicity 1 African 2 White 3 Indian 4 Coloured 5 Other: specify	4	4	4	3	1	1	4	4	4	3	1	1
4. Marital status 1 Never Married 2 Married 3 Divorced/ Separated 4 Widowed 5 Cohabiting	3	3	4	3	1	1	4	3	4	3	1	1
5. What is the highest standard/grade you have attended in education? ----- -----	4	4	3	3	1	1	4	3	4	3	1	1
6. Are you currently studying? 1 Yes 2 No	3	3	3	3	1	1	4	3	3	3	1	1
7. What is your current level of study? ----- -----	3	3	3	3	1	1	4	3	4	3	1	1
8. Are you employed? a) 1 Yes 2 No b) If employed, what type of employment? -- -----	4	4	4	3	1	1	4	4	4	3	1	1

9. Source of income (tick all appropriate) 1 Job 2 Old Age Grant 3 Disability Grant 4 Other Pension 5 Spousal support 6 Support from children 7 Child support grant 8 None 9 Other	4	4	4	3	1	1	4	4	4	3	1	1
10. What is your residential area? Name of town/administrative area: ----- -	3	4	3	3	1	1	4	3	3	3	1	1
11. Referring facility: 1 Clinic 2 Community Health Centre 3 District Hospital 4 Regional Hospital 5 Private General practitioner 6 Private hospital 7 Other (specify):	4	4	4	3	1	1	4	4	4	3	1	1
Section 2: Epidemiological and clinical profile of various cancers				3	1	1				3	1	1
1. Do you have a family history of cancer? 1 Yes 2 No 3 Unsure	4	4	4	3	1	1	4	4	4	3	1	1
2. Do you smoke? (tick all appropriate) 1 Yes 2 No	4	4	4	3	1	1	4	3	4	3	1	1
2b) If Yes, when did you start smoking? Year:	4	3	4	3	1	1	4	3	3	3	1	1
2c) On average, how many cigarettes do you smoke in a day?	4	3	4	3	1	1	4	3	4	3	1	1
2d) If No, have you ever smoked?	4	3	4	3	1	1	4	3	4	3	1	1
2e) For how long did you smoke?	4	3	4	3	1	1	4	4	4	3	1	1

2f) How many did you smoke in a day? 1 Once 2 Twice 3 Three time 4 More than 3 times	4	3	4	3	1	1	4	3	3	3	1	1
2g) Did you stop smoking? 1 Yes 2 No	4	3	3	3	1	1	4	4	3	3	1	1
3. Do you drink alcohol? a) 1 Yes 2 No	4	4	4	3	1	1	4	4	4	3	1	1
4. Do you exercise (physical) on a regular basis? 1 Yes 2 No	4	4	3	3	1	1	4	4	4	3	1	1
4b) Did you drink alcohol before? 1 Yes 2 No	4	4	4	3	1	1	4	4	4	3	1	1
5. Have you ever worked in mines? 1 Yes 2 No	4	4	4	3	1	1	4	3	4	3	1	1
6. How long in years did you work in mines? -----	4	4	4	3	1	1	4	4	4	3	1	1
7. Which mines? Gold, diamond coal, mixed? -----	4	4	4	3	1	1	4	4	4	3	1	1
8. a) Please indicate if your family has a history of any cancer/s below? 1 Breast cancer 5 Oesophagus cancer 2 Lung cancer 6 Colon cancer 3 Cervical cancer 7 Ovarian cancer 4 Prostate Cancer 8 Other (specify) 9 No history of cancer in my family b) If you have history of cancer in your family, indicate who in the family had these cancer(s)?	4	4	4	3	1	1	4	4	4	3	1	1

9. Before you were told you needed to go to hospital about cancer, how many times did you see your GP (family doctor)/ clinic about the health problem caused by cancer? 1x 2x 3x 4x 5x Other 1 I visited my local clinic 2 I saw my local private doctor 3 I saw my traditional healer/doctor/Isangoma 4 Other (specify):	4	4	4	3	1	1	4	4	4	3	1	1
10. How do you feel about the length of time you had to wait before your first appointment with a hospital doctor or clinic doctor? 1 I was seen as soon as I thought was necessary 2 I should have been seen a bit sooner	4	2	4	2	0,67	0	4	3	4	3	1	1
11. How long was it from the time you identified symptoms? ----	4	4	4	3	1	1	3	4	3	3	1	1
12. Did your symptoms get better or worse or were the same while you were waiting for your first appointment with a hospital doctor? ----	4	4	4	3	1	1	4	4	4	3	1	1
13. What type of cancer(s) were you diagnosed with? ---	4	4	4	3	1	1	4	4	4	3	1	1
14. When was your cancer(s) diagnosed? -----	4	4	4	3	1	1	4	4	4	3	1	1
15. What health problems or symptoms did you notice at first? -----	4	4	4	3	1	1	4	3	4	3	1	1

16. Who first told you that you had cancer? 1 A hospital doctor 2 A hospital nurse 3 A GP (family doctor) 4 Another health professional 5 A friend or relative 6 Nobody – I worked it out for myself 7 Cannot remember	3	4	4	3	1	1	4	4	4	3	1	1
17. When you were first told that you had cancer, had you been told you could bring a family member or friend with you? 1 Yes 2 No 3 It was not necessary 4 I was told by phone or letter 5 Don't know / Can't remember 6 Missing	3	4	4	3	1	1	3	4	4	3	1	1
18. How do you feel about the way you were told you had cancer? -----	4	4	4	3	1	1	4	4	4	3	1	1
19. Did you understand the explanation of what was found with you? -----	4	4	4	3	1	1	4	4	4	3	1	1
20. When you were told you had cancer, were you given written information about the type of cancer you had? -----	4	4	4	3	1	1	4	4	4	3	1	1
21. Before your cancer treatment started, were you given a choice of different types of treatment? 1 Yes 2 No, but I would have liked a choice 3 I was not given a choice because only one type of treatment was suitable for me 4 Not sure / Can't remember 5 Missing	4	4	4	3	1	1	4	4	4	3	1	1

22. Do you think your views were taken into account when the team of doctors and nurses caring for you were discussing which treatment you should have? -----	4	4	4	3	1	1	4	4	4	3	1	1
23. Were the possible side effects of treatment(s) explained in a way you could understand? ----	4	4	4	3	1	1	4	4	4	3	1	1
24. Before you started your treatment, were you given verbal/written information about the side effects of treatment(s)? --	4	4	4	3	1	1	4	4	3	3	1	1
25. Were you involved as much as you wanted to be in decisions about your care and treatment? -----	4	4	4	3	1	1	4	4	4	3	1	1
26. a) During the last 12 months, have you had an operation (such as removal of a tumour or lump) at one of the hospitals named in the covering letter? 1 Yes 2 No 3 Not sure	4	4	4	3	1	1	4	4	4	3	1	1
26.b) Before you had your operation, did a member of staff explain what would be done during the operation? ----	4	4	4	3	1	1		4	4	3	1	1
27. The last time you went into hospital for a cancer operation, was your admission date changed to a later date by the hospital? ---	4	4	4	3	1	1	4	4	4	3	1	1
28. Beforehand, were you given written/verbal information about your operation? ---	4	4	4	3	1	1	3	4	4	3	1	1

29. After the operation, did a member of staff explain how it had gone in a way you could understand? ----	4	4	4	3	1	1	4	4	4	3	1	1
30. As far as you know, was your doctor given enough information about your condition and the treatment you had at the hospital? 1 Yes 2 No 3 Don't know / Can't remember	4	3	4	3	1	1	3	3	4	3	1	1
31. Do you think the doctors and nurses at your general practice/local clinic did everything they could to support you while you were at general practice or local clinic? -----	4	4	4	3	1	1	4	3	4	3	1	1
Total					50,67	50					51	51
Average Score-Content Validity Index (S-CVI) = I-CVI/n					0,993529 41	0,98				S-CVI	1	1
n = 51												
Proportion relevance										Proportion Clarity		
Expert 1	1									Expert 1	1	
Expert 2	0,98									Expert 2	1	
Expert 3	1									Expert 3	1	

Likert Scale:	
Relevance	Clarity
1 = Item is not relevant to the measured domain	1 = Item is not clear
2 = Item is somewhat relevant to the measured domain	2 = Item needs some revision
3 = Item is quiet relevant to the measured domain	3 = Item is clear but need some minor revision
4 = Item is highly relevant to the measured domain	4 = Item is very clea